Pages: Form PTO-1449 U.S. DEPARTMENT OF COMMERCE ATTY, DOCKET NO. SERIAL NO. (MODIFIED) PATENT AND TRADEMARK OFFICE 032026-0761 10/802,259 APPLICANT INFORMATION DISCLOSURE CITATION Robert H. Blick, et al. Submitted: August 3, 2004 **FILING DATE GROUP ART UNIT** (Use several sheets if necessary) 03/17/2004 2811 **U.S. PATENT DOCUMENTS FILING DATE DOCUMENT EXAMINER** SUB-DATE REF NAME **CLASS** INITIAL NUMBER **CLASS APPROPRIATE** 7/8/03 Ghandehari, et al. FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT SUB-REF DATE COUNTRY CLASS NUMBER **CLASS** YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) M.L. Roukes, "Nanoelectromechanical Systems Face the Future," Physics World 14, No. 25, February 2001. D.V. Scheible, A. Erbe and R.H. Blick, "Tunable Coupled Nanomechanical Resonators for Single-Electron Transport," New J. Phys., 4, 2002, pp. 86.1-86.7. N.V. Lavrik and P.G. Datskos, "Femtogram Mass Detection Using Photothermally Actuated Nanomechanical Resonators," Appl. Phys. Lett., Vol. 82, No. 16, 21 April 2003, pp. 2697-2699. A. Erbe, C. Weiss, W. Zwerger and R.H. Blick, "Nanomechanical Resonator Shuttling Single Electrons at Radio Frequencies," Phys. Review Lett., Vol. 87, No. 9, 27 August 2001, pp. 096106-1 - 096106-4. X.M.H. Huang, C.A. Zorman, M. Mehregany and M.L. Roukes, "Nanodevice Motion at Microwave Frequencies," Nature (London), Vol. 421, 30 January 2003, p. 496. A.N. Cleland and M.L. Roukes, "Fabrication of High Frequency Nanometer Scale Mechanical Resonators from Bulk Si Crystals, Appl. Phys. Lett., Vol. 69, No. 18, 28 October 1996, pp. 2653-2655. B. Ilic, D. Czaplewski and H.G. Craighead, "Mechanical Resonant Immunospecific Biological Detector," Appl. Phys. Lett., Vol. 77, No. 3, 17 July 2000, pp. 450-452.

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